



Australian Government

MSFFT4004 Establish and monitor production inventory requirements

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers determining, specifying and documenting the production materials and consumables required for the production of mass-produced and customised fittings, equipment and assemblies. It does not cover the management of the inventory.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Furnishing Technology

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1 | Identify materials requirements | 1.1 | Drawings and specifications for materials are read and interpreted |
| | | 1.2 | Sources of product supply are identified |
| | | 1.3 | Normal quantity supply and matching storage facilities and equipment are identified |
| | | 1.4 | Material safety data sheets (MSDS) or other supplier safety information are read and any relevant engineering controls or personal protection equipment are identified, and any additional resources required for safe workplace handling and storage of the materials are documented and reported |
| | | 1.5 | Procedures to deal with fire or explosion risk, spills or injury are identified and recorded |

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| 2 | Monitor consumables and production materials | 2.1 | Consumables and production materials are checked for conformity to design specification and capacity to meet the requirements of the end product |
| | | 2.2 | Any non-conformity in materials is noted and possible causes investigated and documented, including any variations, which may need to be made to the production process or materials used |
| | | 2.3 | Materials and consumables are compared with competitive products, market information and recommendations are made on preferred options |
| | | 2.4 | Preparation procedures for consumables and production materials are identified and checked for required additives, consumables and other materials or equipment requirement |
| | | 2.5 | Materials ordering, storage, safe movement and waste disposal needs are identified |
| 3 | Document materials estimates | 3.1 | All procedures for the estimates process are checked for conformity with workplace procedures |
| | | 3.2 | Cost reports, including time and maintenance, are prepared |
| | | 3.3 | Estimates are authorised by appropriate personnel for implementation |
| | | 3.4 | Recommendations for variations to materials specifications are made to appropriate personnel |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

- Unit context includes:**
- work health and safety (WHS) requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes and local safe operating procedures or equivalent
 - work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
 - work requires individuals to demonstrate conceptual ability, discretion, judgement and problem solving
 - decisions are made within the context of application of process, materials knowledge and estimates and extensive knowledge of the required production output and product quality standards
 - function is undertaken in accordance with established enterprise procedures, and practices may include requirements recommended by manufacturers
 - work is performed with minimal supervision or direction and may involve individual and team related
 - customers or suppliers may be internal or external
- Machines and equipment include:**
- microprocessor or computer-controlled machines
 - both production and facility equipment used in the enterprise
- Materials include:**
- timber
 - metal alloys
 - cloth and glass
 - flooring materials
 - the full range of consumables required to directly support the production process
- Personal protective equipment includes:**
- that prescribed under legislation, regulations and enterprise policies and practices
- Information and procedures include:**
- work procedures/instructions
 - manufacturer specifications and instructions
 - production process supply support information and specifications
 - commercial supply system indices, catalogues and bulletins
 - supplier evaluation histories
 - budgetary/fiscal constraints
 - legislation/regulation/national and industry codes and practices relevant to the product
 - quality and Australian Standards and procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFT4004B Establish and monitor production inventory requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>